

Page 13, line 11, replace "lead-zirconite-titanite-four" with a lead zirconate titanate material known as PZT-4 --.

**In the Claims:**

Please amend claims 11, 12, 16, 17, 20, 22, 25, 27, 28, 29, 32, 33, 34, 35 and 44 as follows:

1 11. (Amended) A method for collecting particulates from a process area containing  
2 surfaces exposed to the particulates, the method comprising the steps of:  
3 generating [an] a passive aerosol [of] from a capture liquid; and  
4 introducing the passive aerosol into the process area to coat the surfaces of the  
5 process area and encapsulate and adhere the particulates against the surfaces with the passive  
6 aerosol.

1 12. (Amended) [The method of claim 11 wherein the step for generating an aerosol  
2 further comprises the steps of]: A method for collecting particulates from a process area containing  
3 surfaces exposed to the particulates, the method comprising the steps of:  
4 providing a reservoir of capture liquid; [and]  
5 subjecting the capture liquid to ultrasonic waves to generate an aerosol; and  
6 introducing the aerosol into the process area to coat the surfaces of the process area  
7 and encapsulate and adhere the particulates against the surfaces with the aerosol.

1 16. (Amended) [The method of claim 11 further comprising the step of] A method for  
2 collecting particulates from a process area containing surfaces exposed to the particulates, the  
3 method comprising the steps of:  
4 generating an aerosol from a capture liquid;  
5 introducing the aerosol into the process area to coat the surfaces of the process area  
6 and encapsulate and adhere the particulates against the surfaces with the aerosol; and  
7 venting a portion of the aerosol from the process area as an exhaust stream.

C3<sup>1</sup><sub>2</sub> 19<sup>17</sup> 18 (Amended) The method of claim 16 further comprising the step of recovering [the] a portion of the aerosol [vented from the process area] from the exhaust stream.

C4<sup>1</sup><sub>2</sub> 2<sup>20</sup> (Amended) The method of claim 17 further comprising the step of selecting [a] the capture liquid from liquids that will form a tacky layer on the surfaces of the process area.

C5<sup>1</sup><sub>2</sub> 4<sup>27</sup> (Amended) The method of claim 17 further comprising the step of selecting [a] the capture liquid from liquids that will harden to the surfaces of the process area.

C6<sup>1</sup><sub>2</sub><sup>3</sup> 7<sup>28</sup> (Amended) The method of claim 17 wherein the process area contains air, and further comprising the step of selecting [a] the capture liquid from liquids that [hardens] will harden to the surfaces of the process area by oxidation.

1 9<sup>29</sup> (Amended) The method of claim 17 further comprising the step of selecting [a] the  
2 capture liquid from liquids that will form a hard, durable layer of encapsulant on the surfaces of the  
3 process area.

C7<sup>1</sup><sub>2</sub><sup>3</sup> 10<sup>28</sup> (Amended) The method of claim 17 wherein the particulates are chemically reactive, the method further comprising the step of selecting [a] the capture liquid from liquids that will neutralize the particulates.

[Sub D3] 1 29. (Amended) The method of claim 11 wherein the capture liquid is provided in a  
3 reservoir within a pressurization chamber and the step for introducing the aerosol to the process area  
4 comprises the step of pressurizing the pressurization chamber to induce flow of the aerosol into the process area.

C8<sup>1</sup><sub>2</sub> 22<sup>32</sup> (Amended) A method for removing hazardous particles from a space enclosed by walls, the method comprising the steps of:

3 supplying to a reservoir a liquid that can be bound to [the surface of] the particles and  
4 to the walls;

5 [atomizing] subjecting the liquid to ultrasonic waves to form [particles sufficiently  
E 6 small to act as a gas] an atomized liquid; <sup>una</sup><sub>^</sub>

7 introducing the atomized liquid into the space to encapsulate the particles and cause  
8 the encapsulated particles to adhere to the walls.

C8 1 <sup>23</sup><sub>33</sub> (Amended) The method of claim <sup>22</sup><sub>32</sub>, in which the [supplying step supplies] liquid  
2 supplied comprises a liquid that hardens after exposure to the space.

1 <sup>25</sup><sub>34</sub> (Amended) The method of claim <sup>22</sup><sub>32</sub>, in which the space is occupied by air and the  
2 [supplying step supplies a] liquid supplied comprises a liquid that hardens by oxidation after  
3 exposure to the air in the space.

1 <sup>26</sup><sub>35</sub> (Amended) The method of claim <sup>22</sup><sub>32</sub>, in which the [supplying step supplies a] liquid  
2 comprises a liquid that is nonhazardous.

C9 1 <sup>28</sup><sub>33</sub> 44. (Amended) The method of claim <sup>22</sup><sub>32</sub>, in which the atomizing step comprises placing  
2 an ultrasonic transducer in the reservoir [below the] under a surface of the liquid such that the  
3 ultrasonic waves emitted by the transducer [is] are focused [at] to the surface of the liquid.

Please cancel claims 36 and 45-52.

#### REMARKS

In the Office action, the examiner reiterated her previously issued restriction requirement. Applicants have confirmed their election of the Group II claims, claims 11-44 and applicants have canceled the Group I claims, claims 45-52 with the understanding that the canceled claims may be pursued in a divisional application.